



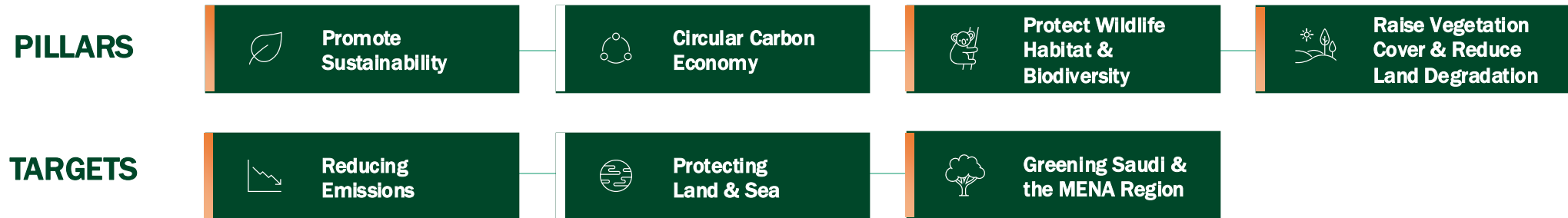
PROGRAM

# SGI FORUM 2024

# About SGI Forum



SGI Forum is a platform where policymakers, thought leaders, and climate experts from around the world convene to share insights and views, and have discussions regarding the best solutions to effectively overcome the climate challenges and reach a more sustainable regional and global future



# SGI Forum | Program Pillars



For maximum impact, we have identified five pillars that build on messaging momentum from previous iterations, as well as the strategic priorities of the COP16 agenda.



## GREENING LAND FOR GLOBAL GOOD

Protecting land and converting degraded areas to a healthy state helps to reduce further impact of climate change on the land and the people whose livelihoods and wellbeing depend on it. What insights can be drawn from the greening initiatives, such as planting 10 bn trees, in Saudi Arabia and other countries? What lessons can be learnt about the complex relationship between ecosystems and desertification?



## ENERGY INNOVATION DRIVING EMISSIONS REDUCTION

When will GHG emissions be significantly reduced through clean energy – in its multiple forms? The advent and growth of clean energy sources, and systemic approaches such as CCE and CCUS technologies, offer hope. However, the deployment at scale is now the focus of attention. To progress towards a just energy transition, the debate about whether to reduce oil and gas production before there is ample supply of affordable green energy remains heated.



## FINANCING THE GREEN TRANSITION FOR SUSTAINABLE LIVELIHOODS

With the surge in green bond issuances, new financing mechanisms for climate challenges, like land restoration, have emerged. Institutions such as the World Bank have provided record levels of climate finance, yet adaptation finance for desertification remains a small share. What financing mechanisms enhance drought resilience, and how is biodiversity preservation evolving as an investment focus?



## NATURE-BASED SOLUTIONS FOR CLIMATE AND COMMUNITY RESILIENCE

Nature-based solutions, like ecosystem restoration and carbon sinks, are crucial for tackling climate change while supporting communities. These approaches enhance livelihoods, food security, and resilience to disasters. How can they be scaled globally, and what role do they play in fostering both environmental and socio-economic resilience? Insights from global initiatives show the potential of nature as a key part of a sustainable future.



## BIODIVERSITY PROTECTION: A KEY TO CLIMATE RESILIENCE

Safeguarding wildlife habitats and biodiversity is essential for healthy ecosystems and combating climate change. As human activities drive habitat loss, initiatives to protect and restore natural areas are more critical than ever. What lessons can be learned from global efforts, including Saudi Arabia's reserves, in preserving biodiversity and preventing ecosystem collapse? How can biodiversity protection enhance climate resilience and support sustainable livelihoods, particularly for communities dependent on these ecosystems?





**SGI FORUM**

**3 December 2024**



# FULL PROGRAM | TUESDAY 3 DECEMBER

09:00-09.30

GALLERY TOUR, COFFEE AND NETWORKING

| DURATION | TIME        | FORMAT            | SESSION  | PILLAR   |
|----------|-------------|-------------------|--|--|
| 10 mins  | 09:30-09:40 | Welcome           | <b>Welcome to the Saudi Green Initiative Forum 2024</b>  |  |
| 25 mins  | 09:40-10:05 | Signature Session | <b>OPENING REMARKS</b> <ul style="list-style-type: none"><li>H.R.H. Prince Abdulaziz bin Salman Al Saud, Minister of Energy, Saudi Arabia</li></ul> <b>Moderator:</b> Dr. Angela Wilkinson, Secretary General & CEO, World Energy Council  |  |
| 15 mins  | 10:05-10:20 | Ceremony          | <b>CLEAN COOKING INITIATIVE “LET’S MOVE FORWARD!” KSA VOLUNTEERING PROGRAM</b><br>Celebrating the “Let’s Move Forward!” KSA Volunteering Program focused on efforts to promote cleaner cooking solutions and promote youth’s engagement in this area.  | <b>ENERGY<br/>INNOVATION<br/>DRIVING<br/>EMISSIONS<br/>REDUCTION</b> |
| 20 mins  | 10:20-10:40 | Ceremony          | <b>MOU SIGNINGS</b>  |  |
| 15 mins  | 10:40-10:55 | Ceremony          | <b>CCU CHALLENGE WINNERS ANNOUNCEMENT</b><br>Celebrating the winners the Carbon Capture and Utilization Challenge (CCU), a collaboration between Saudi Arabia's Ministry of Economy and Planning (MEP) and Ministry of Energy (MoEnergy), which aims to seek innovative solutions that accelerate the circular carbon economy. |  |



# FULL PROGRAM | TUESDAY 3 DECEMBER

| DURATION | TIME        | FORMAT            | SESSION   | PILLAR   |
|----------|-------------|-------------------|---|--|
| 20 mins  | 10:55-11:15 | Signature Session | <p><b>TRANSITION PLAN 2.0: A NEW ENERGY STRATEGY</b></p> <p>Amin Nasser, President &amp; CEO of Aramco returns to the stage to further their critical discussion on the need for a flexible energy transition strategy that balances global energy security, affordability, and sustainability. They will examine how major energy players like Aramco and TotalEnergies are driving this transition, tackling financial challenges, and redefining the role of oil within a diversified energy landscape. Building on their earlier insights, this session will delve into recent advancements in carbon capture, methane reduction, and the integration of renewable energy. With the energy sector still responsible for 42% of global CO2 emissions, the focus will be on how industry leaders are accelerating the path to net-zero by leveraging cutting-edge technologies while safeguarding energy security.</p> <ul style="list-style-type: none"><li>• Amin Nasser, President &amp; CEO, Saudi Aramco</li></ul> <p><b>Moderator:</b> Dan Murphy, Anchor &amp; Correspondent, CNBC</p> | <b>ENERGY<br/>INNOVATION<br/>DRIVING<br/>EMISSIONS<br/>REDUCTION</b> |



# FULL PROGRAM | TUESDAY 3 DECEMBER

| DURATION | TIME        | FORMAT          | SESSION   | PILLAR   |
|----------|-------------|-----------------|---|--|
| 15 mins  | 11:15-11:30 | In Conversation | <p><b>DECARBONIZING ENERGY: THE FUTURE OF MULTI-ENERGY COMPANIES</b></p> <p>Hydrogen is rapidly emerging as a transformative force in the global shift toward clean energy, with projections indicating the market could reach \$300 billion by 2030. This session will explore the current state of the global hydrogen economy, examining technological advancements, investment trends, and policy shifts that are positioning hydrogen as a cornerstone of decarbonization efforts. From green hydrogen production and its role in powering hard-to-abate sectors to infrastructure challenges and regional leadership, we'll assess where the hydrogen economy stands today and what lies ahead.</p> <ul style="list-style-type: none"><li>• Patrick Pouyanné, CEO &amp; Chairman, TotalEnergies</li></ul> <p><b>Moderator:</b> Eithne Treanor</p> | <b>ENERGY INNOVATION DRIVING EMISSIONS REDUCTION</b> |





# FULL PROGRAM | TUESDAY 3 DECEMBER

| DURATION | TIME        | FORMAT          | SESSION  | PILLAR  |
|----------|-------------|-----------------|--|---|
| 15 mins  | 11:30-11:45 | Keynote         | <p><b>DESERTIFICATION'S IMPENDING THREAT: A LOOK AT FOOD SECURITY</b></p> <p>Desertification is rapidly becoming one of the most pressing threats to global food security, with an estimated 12 million hectares of fertile land lost annually to degradation. As climate change intensifies and unsustainable farming practices persist, the world's capacity to produce food is increasingly at risk. This session will dive into the intersection of desertification and agriculture, examining how land degradation exacerbates food shortages, destabilizes economies, and threatens the livelihoods of people globally.</p> <ul style="list-style-type: none"><li>• Dr. Kakoli Ghosh, CEO, Sustainable Rural Agriculture Development Programme, FAO</li></ul>                          | <b>GREENING LAND FOR GLOBAL FOOD RESILIENCE</b>                   |
| 20 mins  | 11:45-12:05 | In Conversation | <p><b>FINANCING THE CIRCULAR ECONOMY: INVESTING IN REGENERATIVE SOLUTIONS</b></p> <p>The circular economy presents a transformative shift away from the traditional "take-make-waste" model toward regenerative systems that reduce waste, promote recycling, and restore natural resources. This session will explore the role of financial institutions and investors in accelerating this transition by supporting projects that drive sustainability and circularity. From investing in renewable materials to funding innovative recycling systems, finance is essential in scaling circular economy initiatives.</p> <ul style="list-style-type: none"><li>• H.E. Eng. Khalid Abulaziz AlFalih, Minister of Investment, Saudi Arabia</li></ul> <p><b>Moderator:</b> Eithne Treanor</p> | <b>FINANCING THE GREEN TRANSITION FOR SUSTAINABLE LIVELIHOODS</b> |



# FULL PROGRAM | TUESDAY 3 DECEMBER

| DURATION | TIME        | FORMAT          | SESSION   | PILLAR   |
|----------|-------------|-----------------|---|--|
| 20 mins  | 12:05-12:25 | In Conversation | <p><b>DOES GREEN JUSTIFY INDUSTRIAL POLICY AND PROTECTIONISM?</b></p> <p>As the world transitions to more sustainable practices, the role of green policies in shaping industrial strategies is becoming increasingly important. In this session, the Minister of Industry and Mineral Resources will explore how green objectives can influence national industrial policy and the balance between supporting local industries and promoting environmental goals. The discussion will focus on how countries can foster sustainable growth while maintaining a fair and open global market.</p> <ul style="list-style-type: none"><li>• H.E. Bandar Ibrahim AlKhorayef, Minister of Industry and Mineral Resources, Saudi Arabia</li><li>• H.E. Dr. Munir M. Eldesouki, President, King Abdulaziz City for Science and Technology (KACST)</li></ul> <p><b>Moderator:</b> Edie Lush</p> | <b>ENERGY<br/>INNOVATION<br/>DRIVING<br/>EMISSIONS<br/>REDUCTION</b> |



# FULL PROGRAM | TUESDAY 3 DECEMBER

12:25-13:20  
LUNCH BREAK AND ANNOUNCEMENTS

| DURATION | TIME        | FORMAT           | SESSION   | PILLAR  |
|----------|-------------|------------------|---|---|
| 35 mins  | 13:20-13:55 | Panel Discussion | <p><b>BIODIVERSITY AND CLIMATE CHANGE: TWO CHALLENGES, ONE SOLUTION?</b></p> <p>Exploring the intricate relationship between biodiversity loss and climate change, examining how these two global challenges are interconnected and can be addressed through unified solutions. From innovative approaches that simultaneously tackle biodiversity conservation and climate mitigation, this will be a dive into the potential of nature-based solutions, ecosystem restoration, and sustainable land management practices. The discussion will delve into the potential of biodiversity-friendly climate strategies to create synergies, enhance resilience, and deliver multiple benefits for both the environment and human well-being.</p> <ul style="list-style-type: none"><li>• Mashaal AlShalan, Co-Founder, Aeon Collective</li><li>• Dr. Khalid bin Muhammad Jamil Asfahani, CEO, The General Organization for Conservation of Coral Reefs and Turtles in the Red Sea (SHAMS)</li><li>• Dr. Mohammed Qurban, CEO, National Center for Wildlife (NCW)</li></ul> <p><b>Moderator:</b> Edie Lush</p> | <b>BIODIVERSITY PROTECTION: A KEY TO CLIMATE RESILIENCE</b> |



# FULL PROGRAM | TUESDAY 3 DECEMBER

| DURATION | TIME        | FORMAT           | SESSION   | PILLAR   |
|----------|-------------|------------------|---|--|
| 35 mins  | 13:55-14:30 | Panel Discussion | <p><b>REGIONAL COLLABORATION FOR RESILIENT RENEWABLE ENERGY SUPPLY CHAINS</b></p> <p>With renewable energy demand projected to rise by over 40% globally by 2030, the race to build resilient supply chains for wind, solar, and other renewable technologies has become essential for both energy security and economic stability. However, disruptions in materials, regulatory inconsistencies, and uneven access to resources pose significant challenges to energy transitions worldwide. In this session, we'll examine how regional alliances are reshaping the landscape, fostering innovation, and establishing reliable, cross-border energy networks that reduce dependency on critical resources.</p> <p>Opening Remarks:</p> <ul style="list-style-type: none"><li>• Francesco La Camera, Director-General, International Renewable Energy Agency</li></ul> <p>Panel:</p> <ul style="list-style-type: none"><li>• Mohammed Albalaihed, Head of Energy and Utilities, MENA Investments, Public Investment Fund</li><li>• Dr. Christoph Gebald, Co-Founder &amp; Co-CEO, Climeworks</li><li>• Eng. Ekram Santaly, Supply Chain Localization Specialist, Ministry of Energy, Saudi Arabia</li></ul> <p><b>Moderator:</b> Eithne Treanor</p> | <b>ENERGY INNOVATION DRIVING EMISSIONS REDUCTION</b>               |
| 15 mins  | 14:30-14:45 | Keynote          | <p><b>NATURE-BASED SOLUTIONS AT SCALE: UNLOCKING GLOBAL CLIMATE ADAPTATION</b></p> <p>Nature-based solutions offer a promising path for sustainable land management by leveraging natural processes to enhance ecosystems. This session will explore the latest innovations in sustainable land management, from large-scale reforestation projects to ecosystem restoration initiatives. With agriculture alone responsible for over 24% of global greenhouse gas emissions, the potential for nature-based solutions to reduce environmental impact while addressing challenges such as land degradation, climate resilience, and economic sustainability is immense.</p> <ul style="list-style-type: none"><li>• Dr. Khaled Alabdulkader, CEO, National Center for Vegetation Development and Combating Desertification</li></ul>  | <b>NATURE-BASED SOLUTIONS FOR CLIMATE AND COMMUNITY RESILIENCE</b> |



# FULL PROGRAM | TUESDAY 3 DECEMBER

| DURATION | TIME        | FORMAT           | SESSION  | PILLAR   |
|----------|-------------|------------------|--|--|
| 40 mins  | 14:45-15:25 | Panel Discussion | <p><b>EMPOWERING CHANGE: THE FUTURE OF CLEAN COOKING</b></p> <p>As global populations continue to grow and climate challenges intensify, clean cooking technologies represent a critical yet often overlooked frontier in sustainable development. This session will explore innovative solutions that address the profound environmental, health, and social challenges associated with traditional cooking methods. Increasingly, emerging technologies are coming into focus as solutions to reduce indoor air pollution, mitigate carbon emissions, and improve quality of life for millions of households.</p> <p><i>PART 1: Opening Statement:</i><br/>Reema Alashgar, Clean Cooking Initiative Manager, Forward7</p> <p><i>PART 2: In Conversation:</i><br/>Dr. Abdulhamid Alkhalifa, President, OPEC Fund</p> <p><i>PART 3: Panel Discussion:</i></p> <ul style="list-style-type: none"><li>• Ben Jeffreys, CEO &amp; Co-Founder, ATEC Global</li><li>• Peter Scott, CEO &amp; Founder, BURN</li></ul> <p><b>Moderator:</b> Eithne Treanor</p> | <b>ENERGY<br/>INNOVATION<br/>DRIVING<br/>EMISSIONS<br/>REDUCTION</b> |



# FULL PROGRAM | TUESDAY 3 DECEMBER

| DURATION                      | TIME        | FORMAT  | SESSION  | PILLAR  |
|-------------------------------|-------------|---------|--|---|
| 15 mins                       | 15:25-15:40 | Keynote | <p><b>CARBON CREDITS PULSE CHECK: EXAMINING THE EFFECTIVENESS OF CARBON MARKETS</b></p> <p>As global efforts to curb carbon emissions intensify, carbon credits have emerged as a key tool in driving climate action. However, questions about the effectiveness, transparency, and scalability of carbon markets remain. This session will provide an in-depth look at the current state of carbon markets, analyzing how they contribute to emission reductions, the challenges of ensuring their integrity, and their role in meeting global climate goals. Experts will share insights on the recent trends, policy developments, and the potential for carbon credits to create real, measurable environmental impact.</p> <ul style="list-style-type: none"><li>• Maria Aljeshi, Director of Technical Affairs, CDMDNA</li></ul> | <b>FINANCING THE GREEN TRANSITION FOR SUSTAINABLE LIVELIHOODS</b> |
| <b>END OF SGI FORUM DAY 1</b> |             |         |  |   |



**SGI FORUM**

**4 December 2024**



# FULL PROGRAM | WEDNESDAY 4 DECEMBER

09:00-10.00  
GALLERY TOUR, COFFEE AND NETWORKING

| DURATION | TIME        | FORMAT            | SESSION   | PILLAR |
|----------|-------------|-------------------|---|--------|
| 15 mins  | 10:00-10:15 | Welcome           | <b>Welcome to Day 2 of the Saudi Green Initiative Forum 2024</b>  |        |
| 15 mins  | 10:15-10:30 | Signature Session | <b>CLIMATE ENVOY PERSPECTIVE</b><br><br>A one-off in conversation covering the work of the Special Climate Envoy focusing on Saudi Arabia's current direction and initiatives around sustainability. <ul style="list-style-type: none"><li>• H.E. Adel bin Ahmed AlJubeir, Minister of State for Foreign Affairs, Member of the Saudi Council of Ministers &amp; Envoy for Climate Affairs, Saudi Arabia</li></ul> <b>Moderator:</b> Dan Murphy, Anchor & Correspondent, CNBC |        |





# FULL PROGRAM | WEDNESDAY 4 DECEMBER

| DURATION | TIME        | FORMAT           | SESSION   | PILLAR   |
|----------|-------------|------------------|---|--|
| 35 mins  | 10:30-11:05 | Panel Discussion | <p><b>ENHANCING CLIMATE RESILIENCE THROUGH LAND RESTORATION</b></p> <p>Land restoration plays a critical role in climate resilience, with efforts like restoring ecosystems, improving soil health, and enhancing carbon storage contributing significantly to reducing land degradation and mitigating climate impacts. Restoration of just 15% of degraded land can prevent up to 60% of expected species extinctions, while also supporting biodiversity and strengthening the resilience of vulnerable communities facing climate extremes. As climate change continues to intensify, how can we scale up these restoration initiatives to meet both local and global environmental challenges effectively?</p> <ul style="list-style-type: none"> <li>• Dr. Grethel Aguilar, Director General, International Union for Conservation of Nature</li> <li>• Dr. Osama Faqeeha, Deputy Minister for Environment, Ministry of Environment Water and Agriculture, Saudi Arabia</li> <li>• Dr. Musonda Mumba, Secretary General of the Convention on Wetlands</li> <li>• Robert Wilt, CEO, Ma'aden</li> </ul> <p><b>Moderator:</b> Eithne Treanor</p> | <b>GREENING LAND FOR GLOBAL GOOD</b>                 |
| 10 mins  | 11:05-11:15 | Keynote          | <p><b>SCALING CARBON CAPTURE TECHNOLOGIES; TECHNOLOGICAL, ECONOMIC, AND POLICY DIMENSIONS</b></p> <p>Scaling carbon capture technologies is essential for mitigating climate change, addressing technological, economic, and policy dimensions. These contributions will explore innovative solutions, investment strategies, and regulatory frameworks that support the deployment of carbon capture technologies, highlighting their potential to significantly reduce greenhouse gas emissions and promote sustainable development.</p> <ul style="list-style-type: none"> <li>• Hala Alobaidallah, Senior Carbon Management Engineer, Ministry of Energy, Saudi Arabia</li> </ul>   | <b>ENERGY INNOVATION DRIVING EMISSIONS REDUCTION</b> |



# FULL PROGRAM | WEDNESDAY 4 DECEMBER

| DURATION | TIME        | FORMAT           | SESSION  | PILLAR  |
|----------|-------------|------------------|--|---|
| 35 mins  | 11:15-11:50 | Panel Discussion | <p><b>THE STATE OF GLOBAL HYDROGEN ECONOMY</b></p> <p>Exploring the transformative potential of hydrogen as a clean energy solution, this session examines critical developments in production, infrastructure, and policy. As well as analyzing hydrogen's role in decarbonization, technological innovations, and global strategies for scaling up this promising renewable energy pathway, discussion will focus on overcoming economic barriers and creating integrated cross-sector approaches to accelerate hydrogen adoption across transportation, industry and beyond.</p> <ul style="list-style-type: none"><li>Abdulrahman Al Fageeh, CEO &amp; Executive Member, Board of Directors, SABIC</li><li>Kholoud Alotaibi, Clean Hydrogen Analyst, Ministry of Energy, Saudi Arabia</li><li>Patrick Huber, Board Member, MorGen Energy AG</li><li>François Jackow, CEO, Air Liquide</li><li>Sanjiv Lamba, CEO, Linde</li></ul> <p><b>Moderator:</b> Eithne Treanor</p> | <b>ENERGY INNOVATION DRIVING EMISSIONS REDUCTION</b>              |
| 35 mins  | 11:50-12:25 | Panel Discussion | <p><b>ADAPTATION FINANCE: FINANCIAL MODELS FOR CLIMATE VULNERABILITIES</b></p> <p>This session will delve into adaptation finance, focusing on innovative financial models designed to address climate vulnerabilities. By examining successful case studies and funding mechanisms, participants will explore how targeted investments can enhance resilience in vulnerable communities and support sustainable development in the face of climate change.</p> <p><i>Opening Keynote:</i><br/>Macky Sall, 4th President, Republic of Senegal</p> <p><i>In Conversation:</i></p> <ul style="list-style-type: none"><li>Mohammed Ayoub, Lead Climate Finance Negotiator &amp; Senior Climate Policy Specialist, Ministry of Energy, Saudi Arabia</li><li>Florent Baarsch, CEO &amp; Founder, finres</li><li>Rachel Kyte, UK Special Representative on Climate</li></ul> <p><b>Moderator:</b> Edie Lush</p>  | <b>FINANCING THE GREEN TRANSITION FOR SUSTAINABLE LIVELIHOODS</b> |



# FULL PROGRAM | WEDNESDAY 4 DECEMBER

| DURATION | TIME        | FORMAT          | SESSION  | PILLAR  |
|----------|-------------|-----------------|--|---|
| 10 mins  | 12:25-12:35 | Keynote         | <p><b>LEVERAGING AI TO PROTECT OUR PLANET</b></p> <ul style="list-style-type: none"><li>H.E. Prof. Abdullah bin Sharaf Alghamdi, President, Saudi Data &amp; AI Authority (SDAIA)</li></ul>  | <b>GREENING LAND FOR GLOBAL GOOD</b>                        |
| 20 mins  | 12:35-12:55 | In Conversation | <p><b>BLUE IS THE NEW GREEN: RIDING THE WAVE OF OCEAN-BASED ECONOMIES</b></p> <p>"Blue is the New Green" highlights the transformative potential of ocean-based economies in promoting sustainable development. It explores innovative approaches to harnessing marine resources, emphasizing sustainable practices that foster economic growth while preserving ocean ecosystems for future generations. This shift underscores the importance of integrating ocean health into broader environmental strategies.</p> <ul style="list-style-type: none"><li>Dr. Osama Faqeeha, Deputy Minister for Environment, Ministry of Environment Water and Agriculture, Saudi Arabia</li><li>John Pagano, Group CEO, Red Sea Global</li></ul> <p><b>Moderator:</b> Edie Lush</p> | <b>BIODIVERSITY PROTECTION: A KEY TO CLIMATE RESILIENCE</b> |



# FULL PROGRAM | WEDNESDAY 4 DECEMBER

| DURATION                          | TIME               | FORMAT          | SESSION  | PILLAR  |
|-----------------------------------|--------------------|-----------------|--|---|
| 12:55-14:00<br>LUNCH & NETWORKING |                    |                 |  |   |
| 15 mins                           | <b>14:00-14:20</b> | In Conversation | <p><b>REDEFINING SUSTAINABLE FINANCE: FROM COMPETITIVE TO CATALYTIC IMPACT</b></p> <p>Sustainable finance is evolving from a competitive advantage to a catalyst for systemic change. With global ESG assets expected to reach \$50 trillion by 2025, the focus is shifting toward driving large-scale impact. This session explores how innovative financing models and regulatory frameworks can accelerate the green transition and deliver measurable outcomes.</p> <ul style="list-style-type: none"><li>• H.R.H. Prince Khaled bin Alwaleed bin Talal Al Saud, Founder and CEO, KBW Ventures</li></ul> <p><b>Moderator:</b> Rawan Radwan</p> | <b>FINANCING THE GREEN TRANSITION FOR SUSTAINABLE LIVELIHOODS</b> |



# FULL PROGRAM | WEDNESDAY 4 DECEMBER

| DURATION | TIME        | FORMAT           | SESSION   | PILLAR   |
|----------|-------------|------------------|---|--|
| 35 mins  | 14:20-14:55 | Panel Discussion | <p><b>URBAN GREEN SPACES: LEVERAGING NATURE-BASED CARBON CAPTURE SOLUTIONS</b></p> <p>Urban green spaces play a vital role in leveraging nature-based carbon capture solutions to combat climate change. By enhancing biodiversity and improving air quality, these spaces provide essential environmental benefits. This discussion will explore innovative strategies for integrating green infrastructure into urban planning, fostering sustainable cities for future generations.</p> <p><i>Opening Keynote:</i></p> <ul style="list-style-type: none"><li>• H.E. Majed bin Abdullah AlHogail, Minister of Municipal Rural Affairs and Housing, Saudi Arabia</li></ul> <p><i>Panel Discussion:</i></p> <ul style="list-style-type: none"><li>• Aljawhara Al Quayid, Lead, Climate &amp; Sustainability Program, King Abdullah Petroleum Studies and Research Center</li><li>• Donnel Baird, Founder, BlocPower</li></ul> <p><b>Moderator:</b> Rawan Radwan</p> | <b>NATURE-BASED SOLUTIONS FOR CLIMATE AND COMMUNITY RESILIENCE</b> |



# FULL PROGRAM | WEDNESDAY 4 DECEMBER

| DURATION | TIME        | FORMAT          | SESSION   | PILLAR  |
|----------|-------------|-----------------|---|---|
| 10 mins  | 14:55-15:05 | Keynote         | <p><b>INSPIRING TRANSFORMATIONS, DELIVERING TRANSITIONS</b></p> <p>Today's world energy system is no longer fit for purpose. In the quest for solutions, there is no shortage of technology or money – but Mother Nature is shuffling the deck. We know that single-issue agendas – sustainability, security, equity – are a recipe for disaster. So how do we evolve our leadership mindset to ensure a whole-system approach?</p> <ul style="list-style-type: none"> <li>• Dr. Angela Wilkinson, CEO, World Energy Council</li> </ul>   | <p><b>ENERGY INNOVATION DRIVING EMISSIONS REDUCTION</b></p> |
| 15 mins  | 15:05-15:20 | In Conversation | <p><b>THE ECONOMICS OF ECOSYSTEMS: QUANTIFYING THE VALUE OF NATURE</b></p> <p>Natural capital accounting can provide a more comprehensive view of development by integrating nature into economic analysis. By quantifying ecosystem services such as water purification, carbon sequestration, and biodiversity, these accounts reveal how natural resources contribute to economic growth and how economic activities impact ecosystems. This approach helps reduce environmental degradation, supports biodiversity, and ensures that both economies and communities become more resilient to environmental changes. How can we further integrate natural capital into policy-making to drive sustainable development?</p> <ul style="list-style-type: none"> <li>• Hashem Al-Fawaz, Vice President, Economic Affairs, Environment Fund</li> <li>• Eng. Ali bin Saeed Al-Ghamdi, CEO, National Center for Environmental Compliance</li> <li>• Eng. Mohammed AlShaalan, CEO, Imam Turki bin Abdullah Royal Natural Reserve</li> </ul> <p><b>Moderator:</b> Rawan Radwan</p> | <p><b>GREENING LAND FOR GLOBAL GOOD</b></p>                 |



# FULL PROGRAM | WEDNESDAY 4 DECEMBER

| DURATION | TIME        | FORMAT           | SESSION   | PILLAR   |
|----------|-------------|------------------|---|--|
| 35 mins  | 15:20-15:55 | Panel Discussion | <p><b>FROM VISION TO REALITY: SAUDI ARABIA'S NET ZERO EMISSIONS JOURNEY</b></p> <p>Explore Saudi Arabia's ambitious path to achieving net-zero emissions. This session delves into innovative strategies, transformative projects, and collaborative efforts driving the Kingdom's transition to a sustainable, low-carbon future. Gain insights into the role of technology, policy, and investment in shaping a greener tomorrow.</p> <ul style="list-style-type: none"><li>Wesam Alghamdi, CEO, NEOM Green Hydrogen Company</li><li>Dr. Malak Noury, Ministry of Energy, Saudi Arabia</li></ul> <p><b>Moderator:</b> Edie Lush</p> | ENERGY INNOVATION<br>DRIVING EMISSIONS REDUCTION |
| 15 mins  | 15:55-16:10 | In Conversation  | <p><b>ENERGY EFFICIENCY PILLAR TOWARDS ACHIEVING NET ZERO</b></p> <p>Investigating innovative pathways to net zero through energy efficiency, this session will examine transformative strategies, technological solutions, and policy frameworks that can accelerate sustainable energy transitions and reduce carbon emissions across sectors.</p> <ul style="list-style-type: none"><li>Nasser Al Ghamdi, Director General, Saudi Energy Efficiency Center (SEEC)</li></ul> <p><b>Moderator:</b> Eng. Abdulmajeed Abdullah Almuammar, Saudi Energy Efficiency Center (SEEC)</p>  |  |



# FULL PROGRAM | WEDNESDAY 4 DECEMBER

| DURATION | TIME        | FORMAT          | SESSION   | PILLAR |
|----------|-------------|-----------------|---|--------|
| 5 mins   | 16:10-16:15 | SGI Reflections | <b>REFLECTIONS AND PROJECTIONS: MAPPING THE NEXT PART OF THE SGI JOURNEY</b><br><br>Reflecting on the Saudi Green Initiative's (SGI) achievements and challenges while projecting future pathways for sustainable development. Key stakeholders will share insights on lessons learned, emerging trends, and strategic opportunities that can drive impactful change, fostering resilience and sustainability in various sectors. |        |

END OF SGI FORUM 2024





SGI FORUM

THANK YOU